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Subject: RE: Project Update and TCT Agenda
Date: 01/02/2007 01:11 PM

It would also be good to know how we are proceeding with the lamprey tissue analysis memo from the LWG that proposed alternative tissue analysis than the government team proposal.

-Jennifer

-----Original Message-----

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Subject: Project Update and TCT Agenda

Happy New Year everyone!

In advance of our January 3, 2007 TCT meeting, I am forwarding the following agenda and project update. We will use the same recently (the call-in number is

Non-Responsive

TCT Agenda:

Early Actions:

- T-4 60% Design
- Arkema EECA Work Plan
- GASCO

Sturgeon FSP

Fate and Transport Modeling Update

Food Web Modeling Update

Data Review Update

Retreat Update

Stormwater Update

Upland Update

Project Update - January 2, 2007

Sampling and Sampling Plans:

Lamprey Temperature Evaluation: This evaluation included the holding of lamprey ammocoetes at 17 and 22 C and was completed on December 15, 2006. Sturgeon FSP - Revised FSP received December 22, 2006. This FSP was revised in response to agency comments. We need to review to ensure that all comments were received. Comments on the revised FSP should be submitted by January 8, 2007. We hope to approve or conditionally approve by January 12, 2007. Sampling is expected to begin late January. High Flow Surface Water Sampling Event: An FSP Addendum was received on December 15, 2006. EPA is prepared to approve the addendum to allow the surface water sampling to begin on January 15, 2007 as long as the river flow remains above 50,000 cfs (current flow is 74,000 cfs; rain events during late December pushed the flow up to 100,000 cfs).

Reports:

Phase 2 Recalibration Results: Hydrodynamic Sedimentation Modeling for Lower Willamette River. This report was submitted on December 8, 2006. The Lamprey Field Sampling Report was submitted on December 15, 2006. The Round 2 Comprehensive Data Report is expected to be submitted on February 21, 2007.

Modeling Efforts:

Food Web Model: The LWG made available a most recent version of the Food Web Model on December 15, 2006. I will make this available to anyone who is interested in reviewing. Right now, Burt Shephard and Carrie Smith are taking the lead on the food web model for EPA. In addition, Nancy Judd sent out a summary of changes made to the VBA model and some questions regarding the dynamic food web model. Regarding the issue of whether to calculate the bioavailable fraction from a total surface water concentration or to use the measured dissolved concentration as a surrogate, the LWG will run the model both ways as part of a sensitivity analysis.

Hybrid Fate and Transport Model: A meeting was held on November 29th to map out the path forward for the fate and transport modeling effort. A number of action items were identified during this meeting. These

action items are generally on-track. There are some questions about the time step required for the EPA fate and transport model and whether it needs to be shortened.

Data Review Process:

Spatial Analysis: Ben Shorr is taking the lead on this effort. We are looking at data based on fate and transport and 1/10 mile river segments. Laterally, we are dividing the river into two nearshore areas and a center channel area. A GIS working session will be taking place on Friday, January 5, 2007. **Screening Step:** We are in the process of finalizing a list of chemicals we will look at. Chemicals were selected based on a rough screening step. The table includes the relevant screening criteria (e.g., chronic AWQC, fish consumption AWQCs, tissue PRGs for HH and eco, a range of sediment criteria for the benthic community - PECs, TECs, etc) and the scale of the evaluation (point by point, site wide and intermediate) for each receptor group. **Bioaccumulation:** We need to determine how to initially evaluate bioaccumulation. We will apply BSAFs and tissue PRGs for organisms for which that make sense (e.g., carp, clams) and use the DEQ bioaccumulation screening guidelines with any necessary modifications. Once we perform this screening, we can begin to look at bioaccumulation in more depth. **Surface and Transition Zone Water:** Parametrix has built this data base. **Query Manager:** The most recent update is available for loading onto computers.

Stormwater:

The LWG, EPA and DEQ are in general agreement about the stormwater sampling locations and the protocol for collecting the stormwater data. The stormwater technical team will working in a collaborative manner to develop a field sampling plan in time for stormwater sampling to begin by February 1, 2007. Please let me know if you have any questions or additions to the agenda.

Thanks, Eric